TSOLOV, En. VASILEVA, M. (Sofiya)

Quick's method in determining the detoxicating function of the liver. Gig. truda i prof. zab. 2 no.6:62-64 H-D '58 (MRA 11:12)

1. Institut giglyeny truda i profbolezney.

(URINE-ANALYSIS AND PATHOLOGY)

(HIPPURIC ACID)

VUTEV, Evg., inzh.; BEZLOV, D., inzh.; VASILEVA, M., inzh.; DRACCMIROV, T.

Increasing durability of the guides of metal-cutting tools
by surface hardening. Mashinostroene 12 no.6:17-22 Je'63.

KIRIAKOV, Kr.; VASILEVA, M.

Physiological characteristics of work of radiotelephone operators. Suvr. med. 12 no.10:13-18 161.

(OCCUPATIONS AND PROFESSIONS)

VASILEVA, Margarita

Along the creative path of a prominent rationalizer. Patsionalizatelia no.10:14-15 '62.

VASILEVA, Maritsa (Bolgariya); SVESHNIKOVA, B.Ye. [translator]

Transforming spring vetch into winter vetch. Agobiologiia no. 3:361-365 My-Je '60. (MIRA 13:12)

1. Institut rasteniyevodstva Bolgarskoy akademii nauk, Sofiya. (Vetch)

VASILEVA, Maritsa (Narodnaya Respublika Belgariya)

Obtaining the winter forms of the vetch Vicia sativa from spring forms by controlled conditioning. Agrobiologiia no.5:738-744 5-0 164.

l. Akademiya seliskokhozyaystvennykh nauk, tsentralinaya lakoratoriya genetiki, Sofiya, Bolgariya.

SALCHEVA, C.; VASILEVA, M.

Preservation of spring oat and pea plants in winter under artificial conditions. Agrobiologiia no.5:764-765 S-0 165. (MIRA 18:9)

l. Institut rasteniyevodstva i TSentral'naya geneticheskaya laboratoriya Akadem'i sel'skokhozyaystvennykh nauk, Sofiya, Narodnaya Respublika Bolgariya.

BULGARIA/Optics - Instruments for Optical Analysis

K-9

Abs Jour: Ref Zhur - Fizike, No 10, 1958, No 24156

Author

Pachova I., Vasilove N.

Inst

: Not Given

Title

: Investigation of en Arc Discherge at Various Fressures.

Orig Fub : Izv. B"lg. AN Otd. fiz.-acten. i techn. i. Sor. fiz., 1957,

6, 155-164

Abstract : Report of the results of en investigation of a d-c arc in the air at pressures from 4 to 760 mm morcury. The investigations were carried out to establish the influence of cortain elementary processes in the discharge on the intensity of the spectral lines. The results have shown the following: 1. The pressure dependence of the relative intensity of two lines in the presence of strong recbsorption in one of these does not coincide with the dependence proviously obtained by O.F. Samenove and V.V. Kokhanenko (Izv. An SSSR, ser. fiz. 1950, 6, 727). An explanation for this discrepancy must be sought in the dependence of reabsorption

Cord : 1/2

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BULGARIA/Optics - Instruments for Optical Analysis

DESCRIPTION OF THE PROPERTY OF

K-9

Abs Jour : Rof Zhur - Fizika, No 10, 1958, No 24156

on the number of atoms in the arc discharge. 2. Cortain conclusions of the Unsold theory (Unsold A., Physik d. Stomatmospheren, Springer, 1938) on recombination of free electrons and ions in gas plasma. The measurement of the ratio of the intensities of the lines to the adjacent background has shown that the recombination of free electrons with ions depends on the pressure.

Cerd : 2/2

ニコ

VASILEVA, N.

Viscosity of the source, and its influence on the angular correlations of Pr144 and as 75 gamma rays. Godishnik fiz mat 57:7-13 '62/'63 [publ. '64].

SOV/58-59-3-26713

Translation from: Referativnyy zhurnal. Fizika, 1959, Nr 12, p 32 (USSR)

。 第一个人,是是是一个人的人,我们就是一个人的人的人的人,我们就是一个人的人的人的人的人,我们就是一个人的人的人的人的人,我们就是一个人的人的人的人的人的人的人

AUTHOR:

Vasileva, N.

TITLE:

On the Diffusion of Elements of the Thorium Radio-Active

Family in a Nuclear Emulsion

PERIODICAL:

Godishnik Sofiysk, Un-t. Fiz.-matem. fak., 1956-1957 (1958), Vol 51, Nr 1, pp 161 - 165 (Bulgarian; Russian résumé)

ABSTRACT:

The photographic plate - Agfa K2, with a thickness of 200 μ , was kept in an aqueous solution of thorium nitrate for one hour in order to study the diffusion of atoms of the thorium family in a nuclear emulsion. After it was dry, the radio-active atoms were pulled out onto a clean photographic plate by means of an electric field. "Stars" were observed through the microscope on the developed photographic plate, resulting from the decay of the starting elements - RdTh, ThX and Tn. Diffusion is found to take place in some of these "stars", i.e., one or several of the O(particle traces do not emanate from the center of the star, but

Card 1/2

are rather shifted some distance away from it. The statistics

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SOV/58-59-3-26713

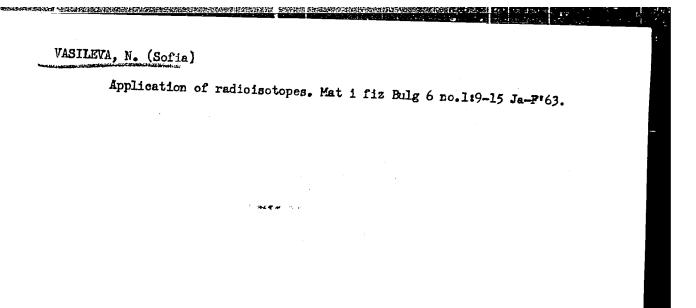
On the Diffusion of Elements of the Thorium Radio-Active Family in a Nuclear

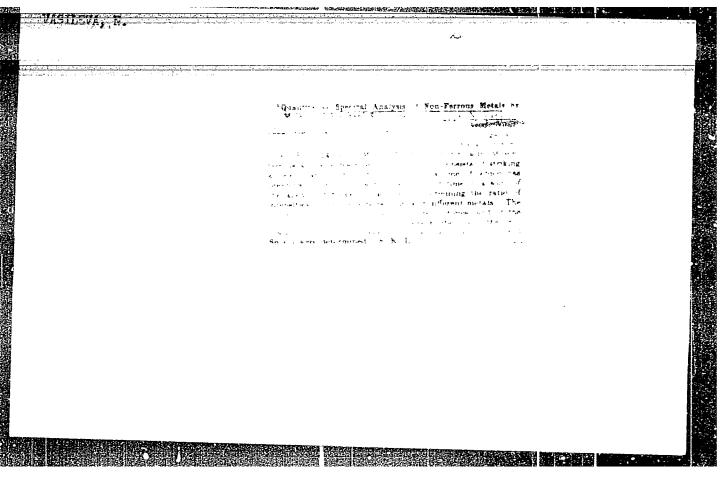
studied enable one to form the following conclusions: a) diffusion took place in 35% of the cases from all the five-ray stars; in 10% of the cases from all the fourray stars; in 2.3% of the cases from all the three-ray stars; b) there is 28% diffusion in stars formed by RdTh; 7% diffusion in those formed by ThX; 3% diffusion by Tn; c) of all these elements ThX diffused most frequently in 45% of the cases of diffusion; In - in 16%; the other elements of the

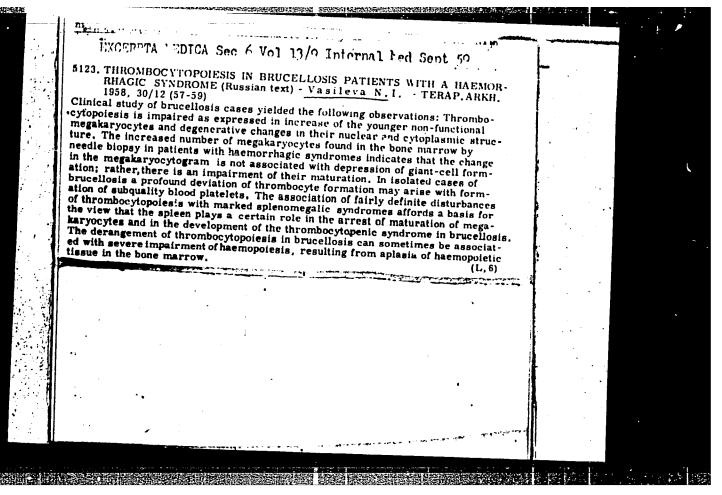
Author's resume

Card 2/2

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858810005-5"







GEORGIEV, V.; RUSINOV, K.; VASILEVA, O.

Pharmacological studies on phenylcarbamide derivatives with special reference to their chemical structure and anticonvulsive properties. I. Izv. Inst. fiziol. (Sofiia) 7:233-242 164.

GITOV, G.; VASILEVA, R.; DOSPEVSKI, D.

Poisoning with naphthalene and betanaphthol in infants. Izv. Med. inst., Sofia 2 no.3:219-248 1951. (CIML 22:1)

1. Doctor, Head Assistant at the Institute of Forensic Medicine for Vasileva; Doctor and Senior Assistant at the Children's Clinic for Gizov and Dospevski.

VAŠILEVA, R.: ABRASHEVA, P.

Experimental studies on a possibility of determining E-605 in exhumed cadavers and chemical and legal determination of poisoning. Nauch. tr. vissh. med. inst. Sofia 39 no.1:189-202 '60.

1. Predstavena ot prof. M. Markov, zav. Katedrata po cudebna meditsina.

(PARATHION toxicol) (IDENTIFICATION MEDICOLEGAL)

VASILEVA, R.; ABRASHEVA, P.

Medico-legal studies on E-605 poisoning in our area (according to data of the department). Nauch. tr. vissh. med. inst. Sofia 39 no.1:203-219 '60.

1. Predstavana ot prof. M. Markov, zav. Katedrata po cudebna meditsina.

(PARATHION toxicol)

VASILEVA, R.

Medicolegal studies of zinc phosphide poisonings. Hauch. tr. vissh. med. inst. Sofia 41 no.4:67-77 162.

1. Predstavena ot prof. M. Markov. (ZINC) (SUICIDE) (HOMICIDE)

VASILEVA, R.

On patho-morphological diagnosis of air embolism. Nauch tr. vissh. med. inst. Sofiia 42 no.1:95-103 '63.

1. Predstavena ot prof. M. Markov. (EMBOLISM, AIR) (PATHOLOGY)

AND THE PROPERTY OF THE PROPER

BULGARIA / Chemical Technology. Chemical Products and Their Application -- Safety and Sanitation

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 8748

Author : Vasileya, R.

Inst : Not given

Title : Poisoning by Insecticides E-605, Parathion,

NIUIF 100

Orig Pub: Nauchni tr. Vissh. med in-t. Sofiya, Klinich. katedri, 1957, 3, No 3, 171-183

Abstract: The clinical picture is described of poisoning by E-605, parathion, NIUIF-100. Data are given for specialist in forensic medicine of 14 cases of poisoning by these insecticides. Bibliography

18 references. -- T. Brzhevskaya

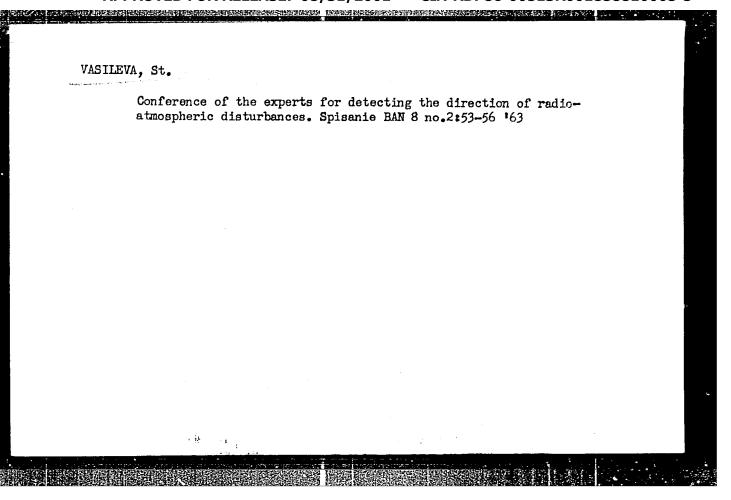
Card 1/1

122

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858810005-5"

VASILEVA, Sl., khimik, laureat na Dimitrovska nagrada.

Internal chemical treatment of boiler water, and boiler scavenging. Tekhnika Bulg 2 no.2:23-25 F \$53.



ergenomentalistication de la company de la company

VASILEVA, Svetla

Atmospheric radio distrubances in Bulgaria. Fiz mat spisanie
BAN 6 no. 2:114-122 163.

LAMBA, K.D., inzh.; VASILEVA, S.V., inzh.

Adhesivers for fusing concrete and "plastic" concrete structures in underground construction. Shakht.stroi. 6 no.11:14-16 N '62.

(MIRA 15:12)

1. TSentral'nyy nauchno-issledovatel'skiy i proyektno-konstruktorskiy institut podzemnogo shakhtnogo stroitel'stva.

(Concrete constructions) (Adhesives)

METEVA, Ia.; VASILEVA, T.; ROMANOV, M; RAICHEVA, A.; MILOSHEVA, E.

Epidemic of sorous meningitis and similar disease. Suvrem.
med., Sofia 6 no.11:46-51 1955.

1. Iz I detska gradska bolnitsa, Sofiia. nauchen rukovoditel;
prof. Br. Ts. Bratanov.

(MENINGITIS, epidemiology,
serous, epidemic outbreak in Bulgaria. (Bul))

USSR / Cultivated Plants. Fruits, Berries.

M-7

Abs Jour

: Ref Zhur - Biologiya, No 13, 1958, No. 58742

Author

: Vasilleva, T. A.

Inst

: Mold. Branch Acad. Sci USSR

Title

: The Aftereffect of the Focus Introduction of the Mineral Fertilizer on the Microbiological Processes

of Soil Beneath the Apple Tree Plantings

Orig Pub

: Izv. Mold. fil. AN USSR, 1957, No 5, 111-121

Abstract

: The introduction of fertilizers in focuses contributed to the intensification of microbiological processes in the soil of the rhizosphere. A decrease in number of various micro-organisms in the rhizosphere was observed in phases connected with the increase of absorption of food from the soil; but when the absorption of the food diminished a noticeable increase in their number was noticed. The positive effect of fertilization focuses

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USSR / Cultivated Plants. Fruits, Berries.

M-7

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 58742

was not limited to one year but diminished gradually.

Card 2/2

VASILEV, I., prof.; MOTOVA-UZUNOVA, M., assistent; VASILEVA, V., ordinator

First department for the protection of the vision of children in Bulgaria. Uch.zap. GNII glaz.bol. no.7:193-195 *62. (MIRA 16:5)

1. Iz glaznov kliniki (dir. - prof. I. Vasilev) Instituta dlya spetsializatsii i usovershenstvovaniya vrachey, Sofiya.

(EULGARIA-EYE-DISEASES AND DEFECTS)

KAMENOV, Il., inzh.; VASILEVA, Ves., inzh.; SHIDEROVA, R., inzh.

Some data on the composition of waste water from Bulgarian flotation enterprises. Min delo 18 no. 12: 23-24 D '63.

1. "Niproruda".

KAMENOV, Iliia, inzh., nauchni sutrudnik; VASILEVA, Veselina, inzh., nauchna sutrudnitsa

On the new foaming agents in Bulgarian flotation practice. Tekhnika Bulg 11 no.6:225-227 62.

1. Niproruda.

10293-66 FSS-2/EWT(1)/FS(v)-3/EFC(k)-2/EWA(d) TT/RD/GW ACC NR: AP6000310 SOURCE CODE: UR/0293/65/003/006/2935/0939

AUTHOR: Natochin, Yu. V.; Sokolova, M. M.; Vasil'eva, V. F.; Balakhovskiy, I. S.

ORG: none

TITLE: Investigation of the kidney function of the Voskhod-1 crew

SOURCE: Kosmicheskiye issledovaniya, v. 3, no. 6, 1965, 935-939

TOPIC TAGS: human physiology, manned space flight, kidney function, water excretion, Voskhod 1, Komarov, Feoktistov, Yegorov

ABSTRACT: The kidney function of the Voskhod-1 crew was analyzed quantitatively and chemically. The subjects underwent tests in which they fasted between 1900 hr and 0700 hr. Urine samples were collected for this period. At 0700 they drank boiled water, constituting 2 percent of their body weight, for a period of 30 min. Urine was then collected at 30-min intervals for 2 hr. Chemical analyses consisted of: 1) the photometric determination (SF-4A apparatus) or creatinine in the urine and blood serum (glomerular filtration); 2) the flame photometric determination of blood and urine Na and K concentration; 3) the cryoscopic determination of liquid osmomolar concentration; 4) the Silber-Porter determination of 17—21 hydroxy-20-ketosteroids. The Smith method (H. Smith. Principles of Renal Physiology. N. Y., 1956) was used to quantitatively evaluate the osmoregulatory function of the kidneys. The results of these tests are given in Tables 1 and 2. It was concluded that the

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UDC: 629.198.61

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	Table 1. Resul	ts of kidner	r function	tests of	the Yosk	hod-1 over			.		
I		Y. M.	Komarov		K. P. P	coktistov	B. F				
	Indices	Control 5.1%	2 days after flight	16 days	Control 5.IX	18 days after flight 1.XI	Control 5.IX	arter flight	il days flight		
cturnal	1. Normal filtra- tion, ml/min	134	133	135	131	129	114	100	110		
J	2. Osmotic urine concentration/plasma	3.45	3.8	3.3	3.9	2.8	1.65	2.5	1.9		
ļ	3. Urine sodium con- centration, mg equiv/1	250	189	183	193	202	120	550	150		
ater cad	4. \$ Water load excreted/2 br	60	21	66	64	43	85	42	71		
1	 Maximum diuresis after water load, ml/min 	14.0	2.7	15.9	12.7	11.2	15	12.2	14.8		
	6. Osmotic urine concentration/ plasma at heights of divresis	0,26	0.93	0.19	0.18	0.46	0,17	0.26	0.25		
1	7. Minimum urine sodium con- centration, me equiv/1	15	30	5.9	7.8	12	6.9	5.0	5.7		
	8. CHOO at the height of divresis, mi/min	10.4	0.19	12.9	10.4	6.05	12.3	9,0	9.0		
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	17-OH atero	lds 1.IX	ł	1	1	I	15.X	1.13	2.1X	1.7	äđ¤	35.X	33.X	1.1%	2.1%	1.8	# Z #	16.2	15.X
	17-OH stero		8.8	6.5	6.7	8.5	3.7	4.8	3.0	8.5	5.5	5.0	3.7	5.8	2.8	<u>k.1</u>	3.6	7.1	2.5
	rg/g creati		3.2	3.2	3.5	1.0	2.1	2.9	1.7	1.7	2.9	3.1	2.0	<u> </u>	1.7	2.2	2.3		1.4
-	K g/day	2.9	5.3	3.4	3,6	2.9	2.8	5.0	2.7	3.6	5.5	2.1	2,6	2.4	2.4	2.3	3.5		1.8
-	Ca/Ha, a eq		0.35	0.44	0.4	0.5	0,4	9.27	0.29	5.7 .0.36	5.3 0.24	0.36	0.34	2.9	9.29	3.5	0.27	0.44	3.2
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VASILEVA, Ye. K. Cand. Med. Sci.

Dissertation: "Border Bucky's Rays and Their Significance in Treatment of Certain Dermatoses." First Moscow Order of Lenin Medical Inst. 13 Oct 47.

SO: Vechernyaya Moskva, Oct, 1947 (Project #17836)

VASIL EVA. E. K.

37681 o primenenii pogranighnykh luchey bukki dlya tseley rentgenografii. vestnik venerologii i dernatologii, 1949, No. 6, s. 36-37

So. Letopis' Zhurnal'nykh Statey, Vol. 47, 1949

VASILEVA, Ye.K., kandidat meditsinskikh nauk Grenz rays (Bucky's rays) in cosmetological practice. Vest. ven.

i derm. no.4:56 Jl-Ag 154. (SKIN--DISEASES) (X-RAYS--THERAPEUTIC USE)

```
VASILEVA, E.K., kandidat meditsinskikh nauk (Moskva)

Therapy of keloid scars with grenz rays. Klin. med. 32 no.11:
71 N '54.

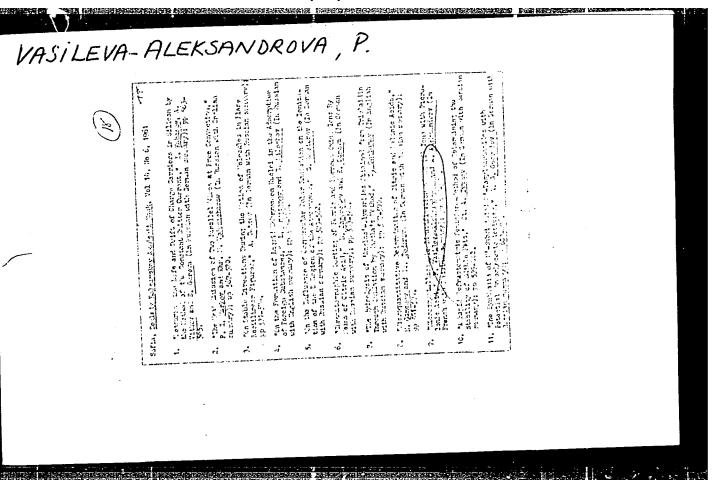
1. Iz lechebnitsy "Vrachebnaya kosmetika" (dir. I.A.Khromchenko, sav. lechebnoy chast'yn M.G.Polikarpova)
(FIEROMA

keloid, cicatricial, ther., grenz rays)
(RADIOTHERAPY

grenz rays in keloid, cicatricial)
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ACC NR: AP6025809 (A,N)UR/0326/66/013/004/0595/0601 SOURCE CODE: AUTHOR: Kraft, V. A.; Doman, N. G.; Vasileva, Z. A. ORG: Institute of Plant Physiology im. K. A. Timiryazev, Academy of Sciences, SSSR, Moscow (Institut fiziologii rasteniy Akademii nauk SSSR); Institute of Biochemistry im. A. N. Bakh, Academy of Sciences, SSSR, Moscow (Institut biokhimii) TITLE: Effect of defoliants on some products of photosynthetic assimilation of carbon dioxide SOURCE: Fiziologiya rasteniy, v. 13, no. 4, 1966, 595-601 TOPIC TAGS: defoliant, defoliant effect, photosynthesis, plant physiology defoliant agent, plant morphology, plant sensibility ABSTRACT: The radioactive tracer method was used in studying the fixation of CO2 in plant tissue treated with defoliants. Fig. 1 shows the effects of defoliants on the intensity of $C^{14}O_2$ fixation by cotton and bean leaves. Treatment with Butiphos and BEXT caused decreased . photosynthetic fixation of labeled CO2 in bean and cotton plants. The amino acid fraction increased in cotton plants, while labeled , alanine and aspartic acid increased in both species. Both defoliants increase the amount of organic and phosphoric acids. CO2 fixed in polysaccharides is decreased while pretreatment of the plants by Card 1/2 581.132+632.934+633.51+635.652 UDC:

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VASILEVA-ALEKSANDROVA, P.; ALEKSANDROV, A.

Microgristallescopic identification of mercury(Ng) (I) ions in media of picrolonic acid. Doklady BAN 14 no.6:595-598 '61.

1. Note presented par D. Ivanov, membre de l'Academie bulgare des Sciences.

ALEKSANDROV, A.; VASILEVA-ALEKSANDROVA, P.

Photometric determination of bivalent tin with picrolonic acid. Zhur.anal.khim. 18 no.7:905-906 Jl 163. (MIRA 16:11)

1. Institute of Food and Playouring Industry, Ploydiv, Eulgaria.

ALEKSANDROV, A.; VASILEVA-ALEKSANDROVA, P.

Detection of tin in the systematic analysis of cations of the hydrogen sulfide group. Zhur.anal.khim. 18 no.10:1275-1276 0 '63. (MIRA 16:12)

1. Institute of Food and Flavouring Industry, Plovdiv, Bulgaria.

VASILEVA-DRIANOVSKA, O.

"Cytochemical investigation of the nucleolus in megasporogenesis of $\underline{\text{Lilium}}\ L.$ In English."

DOKLADY, Sofiia, Bulgaria, Vol. 11, no. 3, May/June 1958.

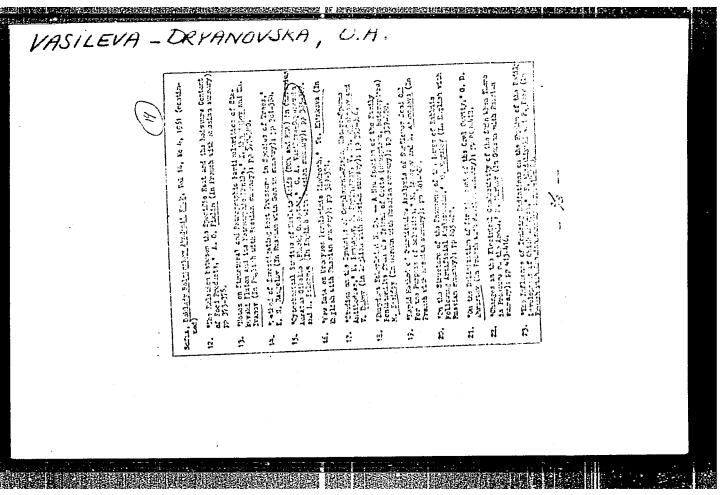
Monthly list of East European Accessions Index (EEAI), The Library of Congress, Volume 8, No. 8, August 1959.

Unclassified

Dynamics of deoxyribonuclease acid (DNC) in the process of fecundity and embryogenesis in certain plants. Izv biol med BAN 3 no.4:3-9 '60. (EEAI 10:3) 1. Biologichen Institut "M.Popov" (Direktor: prof. K.Popov) (DEOXYRIBONUCLEIC ACIDS) (PLANTS)

VASILEVA-DRIANOVSKA, O.

Cytochemical studies of the plants refuting the theory of the constancy of decxyribonucleic acid (DNA) in the nucleus. Izv Inst bot BAN no.8:129-143 '61.



VASILEVA-DRIANOVSKA, O.A.

Eleventh International Congress of Genetics in The Hague. Nauch zhivot 6 no.4:14 O-D '63.

VASILEVA-IANCHEVA, V.

On amblyopia with faulty fixation and results of Cupper's therapy. Khirurgiia, Sofia 14 no.7:631-637 '61.

1. Institut za spetsializatsiia i usuvurshenstvuvane na lekarite, Sofiia. Katedra po ochni bolesti. Zav. katedrata prof. Iv. Vasilev.

(AMBLYOPIA ther)

VASILEVA-IANCHEVA, V.

Studies on strabismus and amblyopia in children in Bulgaria. Khirurgiia 15 no.7:639-646 62.

1. Institut za spetsializatsiia i usuvurshenstvuvane na lekarite - Sofiia. Katedra po ochni bolesti. Zav. katedrata: prof. Iv. Vasilev.

(AMBLYOPIA) (STRABISMUS)

VASILEVA-LANCHEVA, V.

The possibility of examination for binocular vision in all eye clinics. Khirurgiia (Sofiia) 16 no.7:637-642 '63.

1. Institut za spetsializatsiia i usuvurshenstvuvane na lekarite - Sofiia katedra po ochni bolesti, Rukovoditel na katedrata: prof. Iv. Vasilev.

(VISION TESTS) (REFRACTIVE ERRORS)
(OPHTHAIMOLOGY)

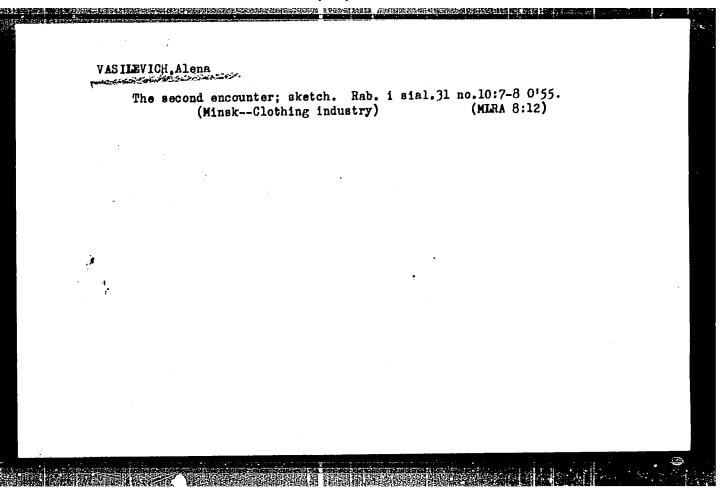
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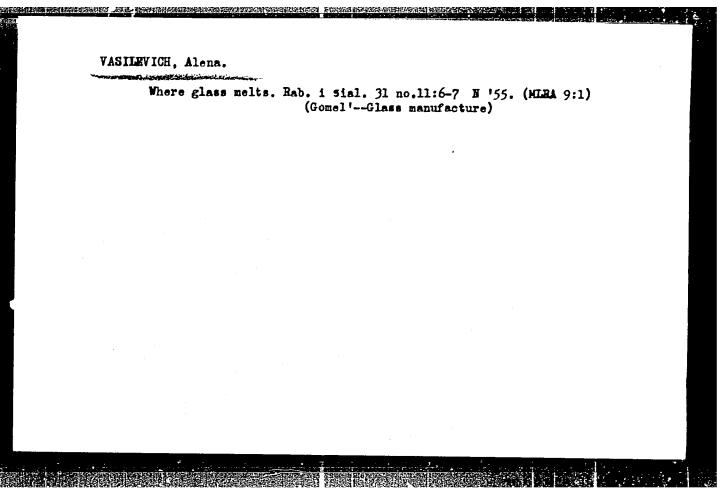
VASILEVA-POPOVA, IU.

Studies on the buffer capacity of the sperm of boars and stallions. Selskostop nauka < no.5/61700-702 '63.

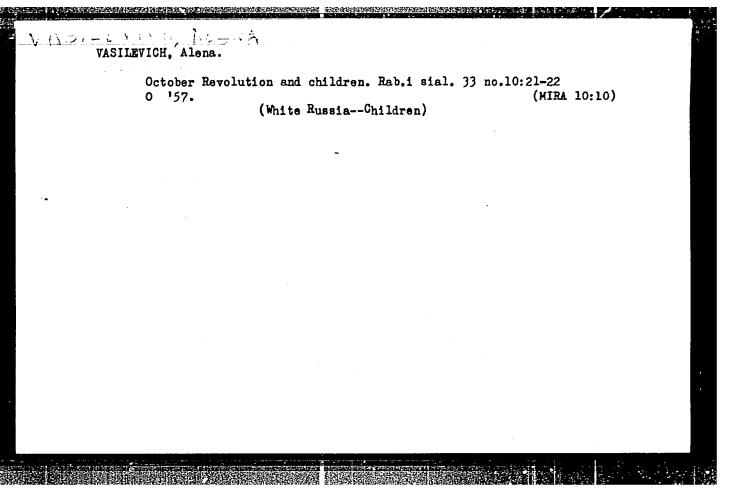
- 1. VASILEVICH, Alena
- 2. USSR (600)
- 4. Actresses
- 7. Creativeness. Rabotnitsa 31, no. 2, 1953

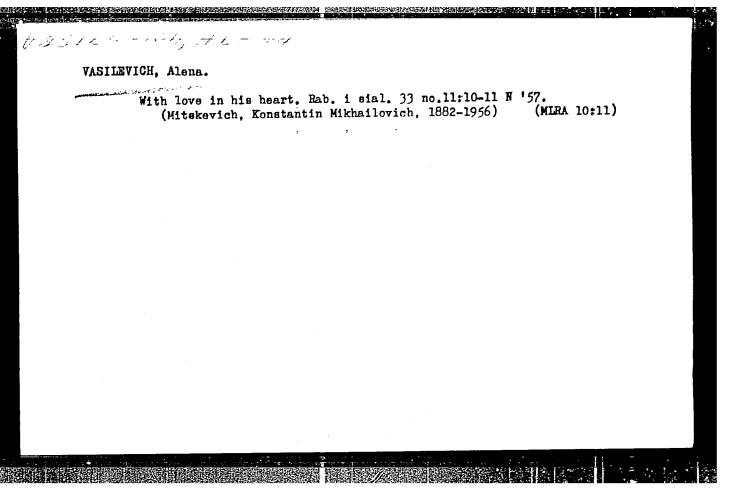
9. Monthly List of Russian Accessions, Library of Congress, May 1953, Uncl.





Visiting Slutsk weavers. Rab.i sial. 31 no.12:8-9 D '55. (SlutskWeavers) (MIRA 9:4)



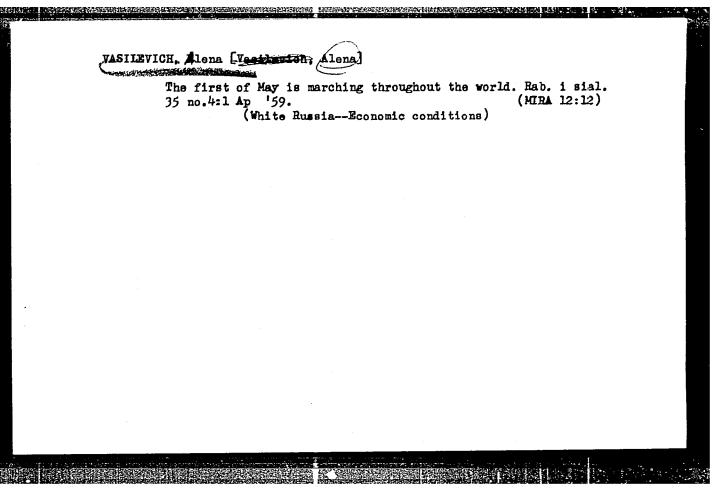


no	must be grateful. 8:4-5 Ag '58. (Mins	industrious h	ands. Rab.1 si	al. 34 MIRA 11:8)	
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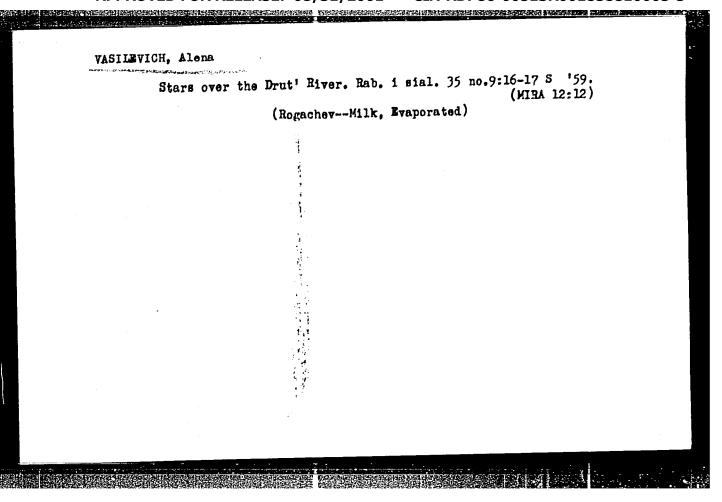
WASILEVICH, Alena

My beloved White Russia. Rabotnitsa 36 no.12:8-9 D '58.
(MIRA 12:2)

(White Russia)



VASILEVICH, Elena [Vasilevich, Alena] A warm and sincere book ("You will investigate this case"; a tale by Mina Novoselova. Reviewed by Alena Vasilevich). Rab. i sial. 35 no.7:17 Jl '59. (MIRA 12:12) (Novoselova, Nina)



YASILEVICH, Alena

She works for our people with all her skill and heart; a sketch.
Rab. i sial. 35 no.11:14-15 N '59. (MIRA 13:3)

(TUMORS--SURGERY) (WOMEN AS PHYSICIANS)

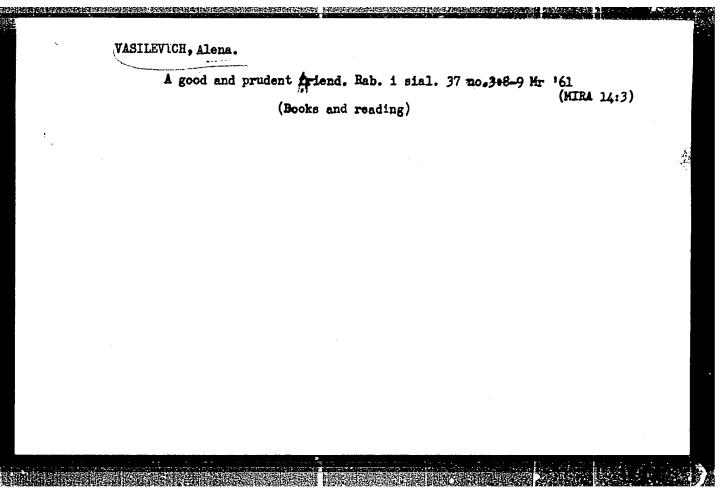
VASILEVICH, Alena	1		
Children are bo	rn for happiness.	Rab.i sial. 36	no.5:1 My '60. (MIRA 13:10)
	(Children)		•
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		First st '60.	ep in the	right	direction.	Rab.i sial	L. 36	no.6:17-18 : (MIRA 13:7	Ге ?)
			(Senno-	-Labor	rest homes)		,	•
			÷						
								•	

VASILEVICH, Alena				
4-5 Hz 160.	nt this too, Mrs.	Takegani Masa. (White Russia-	(MIRA .	[3:10]

YASILEVICH, Alena.

Your fate. Rab. 1 sial. 36 no.11:7-8 H '60. (MIRA 13:11)
(Minsk—Actresses)



VASILEVICH, Yelena [Vacilevich, Alena]

From the pages of an unwritten book. Rab. 1 sial. 37 no. 5:14-15 My '61. (MIRA 14:4) (White Russia-World War, 1939-1945-Underground movements)

VASILEVICH, Yelena [Vasilevich, Alena]

We are glad to be with you, dear villagers of Lavrishevo. Rab.i sial. 38 no.1:2-4 Ja '62. (MIRA 15:4)

(White Russia-Rural conditions)

"The people of swampland"; a novel by Ivan Melezh. Reviewed								
by Alen	by Alena Vasilevich. Rab.i sial. 38 no.3:10 Mr '62. (MIRA 15:2)							
	(Melez	(··—— —• ···•					

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She will always remember these children. Rab.i sial. 38 no.5:

(MIRA 16:1)

(White Russia-Orphans and orphanages)

II ZĄV	LEVICH, Alena
	Springtime. Rab.i sial. 38 no.6:10-11 Je '62. (MIRA 15:8) (Polotsk—Description) (Construction workers)

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Wasilevich, Yelena [Vasilevich, Alena]

We must be vigilant! Rab.i sial. 38 no.8:2-3 Ag '62.
(MIRA 15:9)
(Rogachev-World War, 1939-1945-Underground movements)

VASILEVICH, Alena

"People and animals." Rab.i sial. 38 no.11:18-19 N '62.

(MIRA 15:11)

(Motion-picture plays) (Repatriation)

"Let our skies be always blue." Rab. 1 sial. 39 no.518-9
My '63. (MIRA 16:6)

(Children—Hospitals)
(Tuberculosis—Hospitals and sanatoriums)

VASILEVICH, Alena

Their skillful hands. Rab. i sial. 39 no.9:4-5 S '63. (MIRA 16:11)

CIA-RDP86-00513R001858810005-5 "APPROVED FOR RELEASE: 08/31/2001

-5(4) AUTHORS:

SOY/20-127-5-28/58 Boreskov, G. K., Corresponding Member AS USSR, Vasilevich, A.

TITLE:

The Mechanism of Isotopic Exchange in Molecular Hydrogen in Platinum Films

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 127, Nr 5, pp 1033-1036

(USSR)

ABSTRACT:

This investigation was carried out for the purpose of finding out whether the exchange mentioned in the title takes place according to the mechanism of an adsorption-desorption or by chain reaction (Refs 1-3). By using tritium adsorbed on platimum foils, the exchange rate at various points of the film and the variable activation energies caused by inhomogeneity of the platinum surface could be measured. The apparatus is shown by figure 1. The platinum film was produced by the atomization of a platinum wire in a vacuum. Figure 2 shows the exchange rate tritium-hydrogen at 90°K, figure 3 - the exchange rate H2-D2

Card 1/2

at 78°K and 90°K. Figure 4 shows the dependence of the exchange rate and of the activation energy on the degree of the exchange. The conclusion is drawn that exchange takes place according to

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858810005-5"

50V/20-127-5-28/58 The Mechanism of Isotopic Exchange in Molecular Hydrogen in Platinum Films

an adsorption-desorption mechanism. The great difference in activation energies (about 7.5 kcal/mol at temperatures of more than 273°K, 1-0.5 kcal/mol at lower temperatures) could be explained by the fact that at low temperatures only small parts of the surface are active, whereas on the major part of the surface the reaction is smaller by 1.10-9. The active sections may be caused by impurities, adsorption of other gases, inhomogeneous distribution of the adsorbed atoms, etc. At higher temperatures the difference in the activation energies of the individual sections are smaller, so that the film reacts practically homogeneously. Although the adsorption-desorption mechanism may be looked upon as probable, the production of complicated active complexes is not to be excluded. There are 4 figures and 7 references, 3 of which are Soviet.

ASSOCIATION:

Nauchno-issledovatel'skiy fiziko-khimicheskiy institut im. L. Ya. Karpova (Scientific Physico-chemical Research Institute imeni

L. Ya. Karpov)

SUBMITTED:

May 23, 1959

Card 2/2

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858810005-5"

VANTANYLOH, A. A.; DONAKOV, G. K.

"Mecanisme De L'Echange Isotoplque De L'Hydrogene Sur Des Depots Minces De Platine."

report submitted for Catalysis 2nd Intl. Cong, Paris, 4-9 Jul. 60.

Academie des Sciences, Moscou, U.R.S.S.

BORESKOV, G.K., VASILEVICH, A.A.

Mechanism of the isotopic exchange of hydrogen on platinum films. Kin. i kat. 1 no.1:69-82 My-Je '60. (MIRA 13:8)

1. Fiziko-khimicheskiy institut im. L.Ya. Karpova. (Hydrogen) (Deuterium) (Platinum)

33481

s/195/61/002/005/006/027 E040/E485

5.2430

Boreskov, G.K., Vasilevich, A.A.

AUTHORS 3 TITLE:

Effect of oxygen on the catalytic activity of platinum films in isotopic hydrogen exchange reactions

PERIODICAL: Kinetika i kataliz, v.2, no.5, 1961, 679-683

Using an apparatus described previously (Ref. 4: Kinetika i kataliz, v.1, 1960, 69), the authors examined the effect of oxygen poisoning of Pt film catalyst in hydrogen adsorption, isotopic hydrogen exchange in molecular hydrogen and in isotopic exchange between chemisorbed and molecular hydrogen. Adsorption curves of hydrogen and oxygen at 90°K and at pressures varying from 1 to 4×10^{-2} mm Hg on freshly prepared Pt films showed that in both cases there is initially a rapid irreversible adsorption which is then followed by a slow and reversible one. The irreversibly adsorbed oxygen has a maximum cover corresponding to 67% of the available catalyst surface area. Tests on hydrogen adsorption by Pt films previously exposed to oxygen adsorptions of 3, 10 and 67% showed that oxygen behaves as a poison of Pt film with respect to the rapid initial adsorption of hydrogen but that the total Card 1/3

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858810005-5" SLAMBER TRANSPORTER STATES AND ST

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Effect of oxygen on the catalytic ...

adsorption of hydrogen, i.e. the subsequent slow and reversible adsorption, increases. The mechanism of the process is such that, whereas at free points of the Pt film surface one hydrogen atom is adsorbed on each free point, two hydrogen atoms attach themselves to the surface points already occupied by one oxygen atom, presumably leading to the formation of 1 water molecule, total quantity of hydrogen adsorbed on such oxygen-poisoned Pt films is N = 1 + 902, where 902 is the proportion of catalyst surface covered by oxygen atoms. Tests of tritium adsorption and isotopic hydrogen exchange with molecular hydrogen on oxygen-poinsoned Pt film catalysts at 90°K and under hydrogen pressure of 0.1 mm Hg, showed that there is no change in the velocity of isotopic exchange at the points of the catalyst's surface not occupied by oxygen atoms, i.e. that oxygen has no effect on the catalytic behaviour in this respect of Pt films. This conclusion is further confirmed by test data obtained for isotopic exchange in molecular hydrogen at the temperatures of 78 and 90°K and at test pressures of 0.01, 0.1 and 1.0 mm Hg. However, at higher oxygen concentrations on the catalyst's surface a drop was observed in the catalytic activity with rising Card 2/3

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Effect of oxygen on the catalytic ... S/195/61/002/005/006/027

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concentration of oxygen atoms. There are 5 figures, 1 table and 4 references: 3 Soviet-bloc and 1 non-Soviet-bloc. The reference to an English language publication reads as follows: Ref. 3: 0. Beeck, A. Smith, A. Wheeler, Proc. Roy. Soc., v. Al77, 1940, 62.

ASSOCIATION: Fiziko-khimicheskiy institut im. L.Ya.Karpova (Physico-Chemical Institute imeni L.Ya.Karpov)

X

Card 3/3

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858810005-5"

VASILEVICH, A. I.

VASILEVICH, A. I. (Director, Belorezsk Veterinary Bacteriological Laboratory, Vologod oblast.)

A case of anthracic septicemia in oirs.

So: Veterinariya; 23; 2-3; February/March 19h6; Uncl.

TABCON

VASILEVICH, A.I.

Intracapsular extraction of cataract in patients with high degree of myopia. Vest.oft. no.6:75-77 161. (MTRA 14:12)

1. Klinika glaznykh bolezney (zav. - prof. M.M. Zolotareva)
Belorusskogo instituta usovershenstvovaniya vrachey i glaznoye
otdeleniye (zav. L.A. Birchenko) Minskoy oblastnoy bol'nitsy.

(CATARACT) (MYOPIA)

VASILEVICH, G.M.

Tunguses

Yessi-Chiringdinsk Evenkis, Sbor. Muz. ant. i etn. 13, 1951.

Monthly List of Russian Accessions, Library of Congress, May 1952, Unclassified.

AUTHOR:

Vasilevich, G.M.

507-12-90-4-3/22

TITLE:

Toponymy of East Siberia (Toponimika Vostochnoy Sibiri)

PERIODICAL:

Izvestiya Vsesoyuznogo geograficheskogo obshchestva, 1958,

Vol 90, Nr 4, pp 324-335 (USSR)

ABSTRACT:

The study of the languages of tribes of Tungus origin which inhabit East Siberia, and also special study of the names of rivers, mountains and localities, shows the way the Tungus tribes spread through East Siberia. The author also found many names of non-Tungus origin, which he considers were left by tribes which lived there in pre-Tungus times. There are 8 references, 6 of which are Soviet, 1 French and 1 German.

1. Languages--Study and teaching--Siberia

Card 1/1

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Evenki and geog. ob-v	rawings.	Izv. Vses. (MIRA 16:9)		

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858810005-5"

VASILEVICH, I.P.

Salvinia in southern Kirov Province. Bot. zhur.41 no.2:247-248 P 156. (MIRA 9:7)

1. Kirovskiy gosudarstvennyy pedagogicheskiy institut imeni V.I. Lenina. (Kirov Province--Salvinia)

BORESKOV, G.K.; VASILEVICH, L.A.; GURIYANOVA, R.N.; KERNERMAN, V.Sh.; SLIN'KO, M.G.; FILIPPOVA, A.G.; CHESNOKOV, B.B.

AND THE PROPERTY OF THE PROPER

Oxidation of ethylene in a fluidized bed of a catalyst. Kin.i kat. 3 no.2:214-220 Mr Ap 162. (MIRA 15:11)

l. Institut kataliza Sibirskogo otdeleniya AN SSSR i Fiziko-khimicheskiy institut imeni L.Ya.Karpova. (Ethylene) (Oxidation) (Fluidization)

VASILEVICH, N.P.; IVANISHKIN, A.Ya.; LOBAREV, M.I.; OSADCHIY, A.N.

New technological processes for rolling KhVP steel.
Sbor.rats.predl.vnedr.v proizv. no.1:23 '61. (HIRA 14:7)

1. Zavod "Dneprospetsstal'".

(Rolling (Metalwork))

BERKOVSKI", V.S.; VASILEVICH, N.P.; YEFREMENYO, S.Z.; KHUDIY,
V.T.

Production of upset strip for the traion suspension of the
"Zaporozhets" automobile. Metallurg 10 no.1:28 Ja 165.
(MIRA 18:4)

1. Zavod "Dneprospetsstal".

We are keeping our word. Sov. profsoiuzy 17 no.21:6-7 K '61. (MIRA 14:10) 1. Master smeny shveynoy fabriki, g. Baranovichi. (Baranovichi—Clothing industry) (Socialist competition)

